

Stabilizing Security for a Fast-Growing Global Oil and Energy Major

A global integrated oil and energy leader has been expanding aggressively through mergers and acquisitions. This introduced challenges such as inconsistent security controls, fragmented processes, and the need to embed secure-by-design principles across applications, enabling seamless, secure access for all users. Additionally, compliance with regulations like GDPR and PCI DSS was essential to protect transactions across retail outlets, preventing penalties, and safeguarding brand reputation.

Infosys partnered with the client to deliver a comprehensive cybersecurity transformation that scaled with growth while optimizing costs. We embedded secure-by-design principles into enterprise architecture, implemented intelligent insights for proactive incident response, and deployed robust controls to automatically isolate compromised assets and prevent lateral threat movement. This transformation strengthened resilience, optimized operational costs, and reinforced regulatory confidence across global operations.

Cyber Consulting & Advisory

Identity and Access Management

Cloud Security

Data Protection and Privacy

Governance, Risk and Compliance

Infrastructure Security

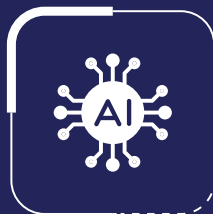
OT Security

Vulnerability Management

Threat Detection and Response

Managed Security Services

Key Transformation Highlights:



Cyber AI



1,500

monthly queries handled for **3,400+** users through a **Gen-AI driven Cybersecurity Advisor solution**



95%

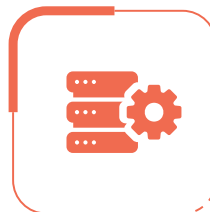
response accuracy achieved while maintaining alignment with enterprise security and AI governance



50%



reduction in knowledge search time, enhancing productivity



Infrastructure Security

65,000+

endpoints updated with corporate security standards to validate device health

75,000

users enabled with secure remote access via Zero Trust Network Architecture

~50

redundant access policies, **2,000** unused hosts, and **100** obsolete application segments eliminated, improving security posture

75,000

endpoints upgraded, **500+** security policies optimized, protecting internet facing assets



Vulnerability Management

65,000+

endpoints scanned to flag vulnerabilities, zero-day exploits, and regulatory violations

85%



reduction in manual efforts and **10X improvement** in productivity via automated onboarding of applications to testing tools